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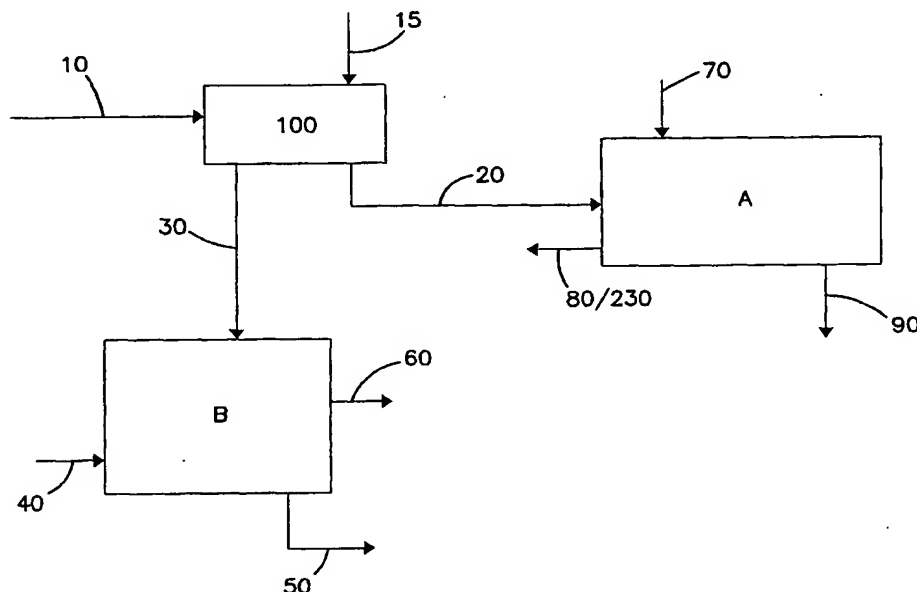
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(54) Title: SYSTEM FOR LIQUID EXTRACTION, AND METHODS



(57) **Abstract:** A process for removing water from solid material (10) using liquid-solid extraction and liquid-liquid extraction in an extraction system (100). Multiple solvents are used sequentially to replace the water with a first solvent, then replacing that solvent with a second solvent, etc., then eventually removing the last solvent from the solid materials. The solvents have progressively lower heats of vaporization, enthalpy of vaporization, boiling point or related property, so as to conserve use of thermal energy.



WO 2004/057255 A1